



# NITFS Compliance Registration



**Product:** OrbView-5 Output Production System Version 5.2

**Sponsor:** GeoEy

**Developer:** GeoEy

**Date:** 30 July 2009  
**Expiration:** 29 July 2011  
**Registration #:** 1037

☐ Initial Registration  
☒ Supplemental/Update # 1025  
☐ Derived from Reg. #

☒ **System**  
N-0105/98, §4.1.1

## NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpret							
Generate							

☐ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

**Configurations Tested:**  
-GeoEye OrbView-5 Output Production System

### Format

- NITF**  
☒ 2.1  
☒ 2.0  
☐ 1.1  
**NSIF**  
☐ 1.0

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☐ CGM, 2301  
☐ CGM, 2301A  
☐ Labels \*\*

### Text Segments

- ☐ TA  
☐ TT1  
☐ U8S  
☐ MTF

### Image Segment Types

- ☒ MONO  
☒ RGB  
☐ RGB/LUT  
☐ YCbCr  
☒ MULTI  
☒ DISPLAY  
☐ POLAR

### Image Compression

- ☐ JPEG Lossy, 8-bit  
☐ JPEG Lossy, 12-bit  
☐ JPEG Downsample  
☐ JPEG Lossless  
☒ JPEG 2000  
☐ Bi-Level  
☐ Vector Quantization  
☐ Multispectral JPEG, Individual Band

### Data Extension Segments

- ☐ PRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☒ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☐ GEST  
☐ SDI-0002  
☒ CDRD  
☐ NDDDD

Interpret  
Generate  
**Legend**  
☒ Fully implemented  
☐ Partially implemented  
☐ Not implemented

Lorrie Sather, Acting Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.